**EXERCISE: 3**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Online Shopping System</title>

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <style>

    body { font-family: Arial, sans-serif; margin: 20px; }

    header, section, footer { margin-bottom: 30px; }

    nav img { width: 100%; max-width: 600px; }

    #products, #cart { display: flex; gap: 20px; flex-wrap: wrap; }

    .product, #cart { border: 1px solid #ccc; padding: 10px; border-radius: 8px; }

    .product img { width: 150px; height: auto; cursor: grab; }

    #cart { min-height: 150px; background-color: #f9f9f9; width: 300px; }

    #map { width: 100%; height: 300px; }

  </style>

</head>

<body>

<header>

  <h1>🛍 Welcome to SmartShop</h1>

  <p>Explore our categories below:</p>

</header>

<!-- 📍 Category Navigation via Image Map -->

<nav>

  <img src="lap.webp" usemap="#categories" alt="Product Categories">

  <map name="categories">

    <area shape="rect" coords="0,0,200,200" alt="Electronics" href="electronics.html">

    <area shape="rect" coords="200,0,400,200" alt="Clothing" href="clothing.html">

    <area shape="rect" coords="400,0,600,200" alt="Home" href="#home">

  </map>

</nav>

<!-- 🖼 Product Section with Drag and Drop -->

<section id="products">

  <div class="product" draggable="true" ondragstart="drag(event)" id="product1">

    <img src="lap.webp" alt="Laptop">

    <p>Laptop - $999</p>

    <video controls width="150">

      <source src="https://www.w3schools.com/html/mov\_bbb.mp4" type="video/mp4">

      Your browser does not support video.

    </video>

  </div>

  <div class="product" draggable="true" ondragstart="drag(event)" id="product2">

    <img src="jacket.webp" alt="Jacket">

    <p>Jacket - $79</p>

  </div>

  <div class="product" draggable="true" ondragstart="drag(event)" id="product3">

    <img src="chair.webp" alt="Chair">

    <p>Chair - $129</p>

  </div>

</section>

<!-- 🛒 Shopping Cart -->

<section>

  <h2>🛒 Shopping Cart (Drag products here)</h2>

  <div id="cart" ondrop="drop(event)" ondragover="allowDrop(event)"></div>

</section>

<!-- 📍 Geolocation -->

<section>

  <h2>📍 Your Location</h2>

  <button onclick="getLocation()">Show My Location</button>

  <p id="location-status"></p>

  <div id="map"></div>

</section>

<!-- 📄 Purchase Form -->

<section>

  <h2>🧾 Purchase Form</h2>

  <form onsubmit="alert('Order Submitted!'); return false;">

    <label for="name">Full Name:</label><br>

    <input type="text" id="name" name="name" required><br><br>

    <label for="email">Email:</label><br>

    <input type="email" id="email" name="email" required><br><br>

    <label for="quantity">Quantity:</label><br>

    <input type="number" id="quantity" name="quantity" min="1" value="1"><br><br>

    <label for="color">Color:</label><br>

    <input type="color" id="color" name="color"><br><br>

    <label for="delivery">Delivery Date:</label><br>

    <input type="date" id="delivery" name="delivery"><br><br>

    <label for="payment">Payment Method:</label><br>

    <select id="payment" name="payment">

      <option value="credit">Credit Card</option>

      <option value="paypal">PayPal</option>

      <option value="cash">Cash on Delivery</option>

    </select><br><br>

    <input type="submit" value="Complete Purchase">

  </form>

</section>

<footer>

  <p>&copy; 2025 SmartShop Online</p>

</footer>

<!-- 🌐 Scripts -->

<script>

  // Drag-and-Drop Logic

  function allowDrop(ev) {

    ev.preventDefault();

  }

  function drag(ev) {

    ev.dataTransfer.setData("text", ev.target.id);

  }

  function drop(ev) {

    ev.preventDefault();

    var data = ev.dataTransfer.getData("text");

    var item = document.getElementById(data).cloneNode(true);

    item.setAttribute("draggable", "false");

    ev.target.appendChild(item);

  }

  // Geolocation

  function getLocation() {

    const status = document.getElementById("location-status");

    const map = document.getElementById("map");

    if (navigator.geolocation) {

      navigator.geolocation.getCurrentPosition(position => {

        const lat = position.coords.latitude;

        const lon = position.coords.longitude;

        status.innerText = `Latitude: ${lat}, Longitude: ${lon}`;

        map.innerHTML = `<iframe width="100%" height="300" frameborder="0"

          src="https://maps.google.com/maps?q=${lat},${lon}&z=15&output=embed">

        </iframe>`;

      }, () => {

        status.innerText = "Unable to retrieve location.";

      });

    } else {

      status.innerText = "Geolocation is not supported by your browser.";

    }

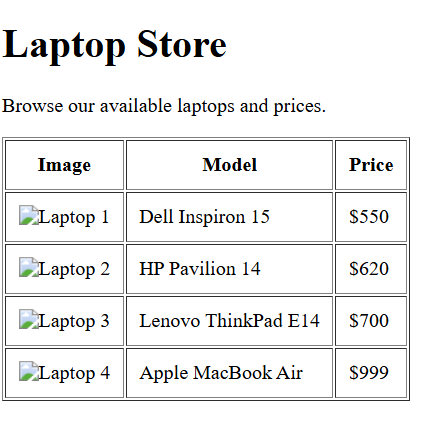
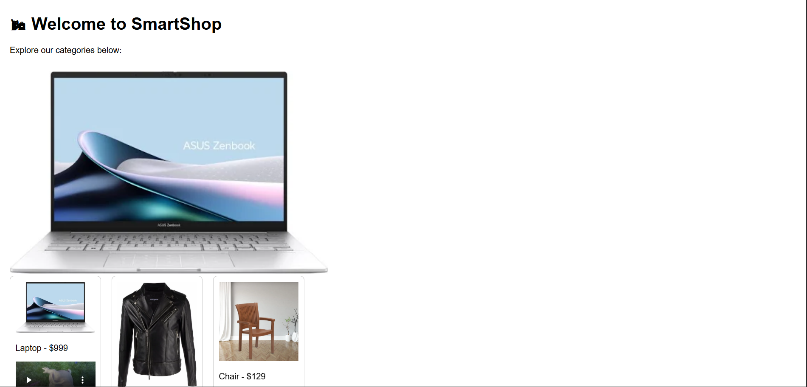
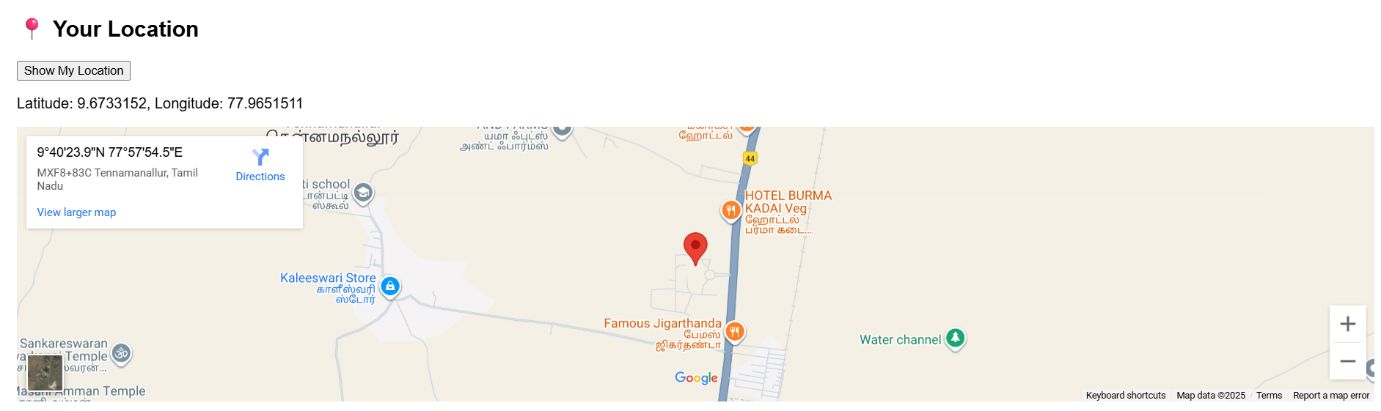
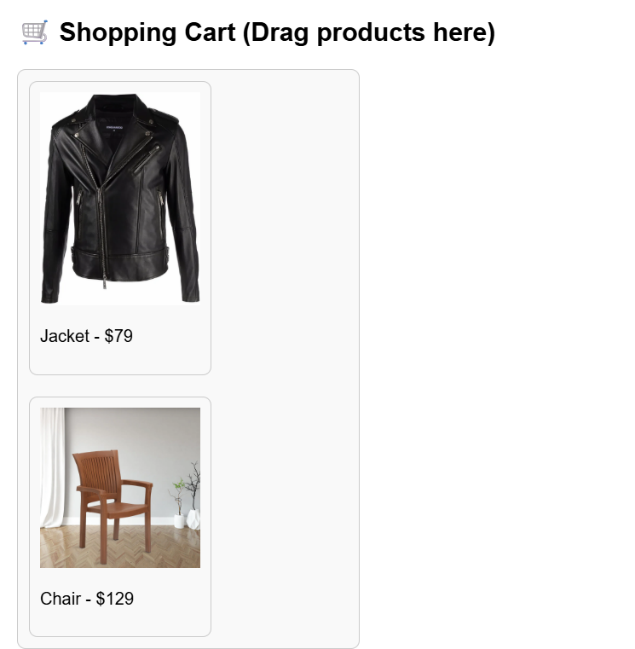
  }

</script>

</body>

</html>

**OUTPUT:**

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